

**STERLING**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	3.77	3	NC*	Male	2.52	2	NC*
Female	1.20	2	NC*	Female	1.82	1	NC*
Total	4.97	5	101	Total	4.35	3	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.42	2	NC*	Male	0.73	2	NC*
Female	1.09	1	NC*	Female	0.58	0	NC*
Total	2.51	3	NC*	Total	1.31	2	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	0.26	1	NC*	Male	3.27	5	153
Female	22.92	33	144	Female	2.37	2	NC*
Total	23.18	34	147 #+	Total	5.64	7	124
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.58	0	NC*	Male	2.84	4	NC*
				Female	1.14	0	NC*
				Total	3.98	4	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	9.58	8	83	Female	2.81	3	NC*
Female	7.61	7	92				
Total	17.20	15	87				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.49	2	NC*	Male	1.51	0	NC*
Female	0.39	0	NC*	Female	1.29	1	NC*
Total	1.88	2	NC*	Total	2.80	1	NC*
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	0.70	0	NC*	Male	23.60	19	81
Female	0.50	2	NC*				
Total	1.20	2	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.44	3	NC*	Male	1.67	0	NC*
Female	1.24	2	NC*	Female	0.81	1	NC*
Total	3.68	5	136	Total	2.49	1	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.49	0	NC*	Male	0.99	1	NC*

Female	0.38	0	NC*				
Total	1.87	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	1.78	3	NC*	Male	0.54	1	NC*
Female	1.18	1	NC*	Female	1.29	3	NC*
Total	2.96	4	NC*	Total	1.83	4	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.82	3	NC*				
Female	0.27	0	NC*	Female	4.40	5	114
Total	1.09	3	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	12.74	8	63	Male	79.76	73	92
Female	8.55	15	175	Female	68.16	83	122
Total	21.29	23	108	Total	147.92	156	105

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels